

## CALIBRATION KIT (AMMONIA)

## MODEL TOXNH3CALKIT

### GENERAL DESCRIPTION:

The **TOXNH3CALKIT** is the calibration kit designed specifically for use with the TOX-NH3/ANA ammonia sensor, used in conjunction with Tox-Control or TOX-4/ANA ventilation control systems. The kit consists of two tanks of calibration gas, which contain the proper concentrations of ammonia and air zero needed for proper calibration. The required hardware and fittings are included to provide correct gas volume and metering. The kit also contains complete instructions and an industrial grade carrying case. The kit has enough gas for approximately 48 calibrations. Calibration is recommended on a quarterly basis.



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### FEATURES:

- Tank of Standard Span Gas (58 Liter)
- Tank of Standard Air Zero gas (103 Liter)
- Regulator/Pressure Gauge
- Sensor Calibration Cover With Tubing
- On/Off Valve
- Adjustment Screwdriver
- Carrying Case
- Complete Set-Up and Calibration Instructions

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### CALIBRATION PROCESS

The output signal of the gas sensor module is calibrated using a span mixture containing a known concentration of the gas of interest. The concentration of the span gas should be between the high alarm point and full scale.

Calibration requires application of the span gas to the sensor and adjustment of the SPAN potentiometer to make the module signal equivalent to the concentration of the sample gas. In many applications, a ZERO (clear air) baseline calibration is required prior to any SPAN adjustment.

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### ORDERING INFORMATION:

If a calibration kit is needed for a Toxalert system with Tox-NH3/ANA sensors, contact your local Toxalert representative or contact Toxalert directly for information on ordering TOXNH3CALKIT. Please verify the system model and serial number if ordering for a unit already in operation.